



Lanier Worldwide, Inc.

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Atlanta, GA 30345-2979

Emergency Telephone: (800) 526-4371

## MATERIAL SAFETY DATA SHEET

### Section 1: Chemical Product and Company Information

|             |                                       |              |  |
|-------------|---------------------------------------|--------------|--|
| Identity:   | <b>5722 Magenta Toner</b>             | MSDS No.     | <b>CP- 336</b>                               |
| Product ID: | 117-0327                              | Issued:      | 03/01/00                                     |
|             |                                       | Supersedes:  | <b>None</b>                                  |
| Synonyms    |                                       | Date:        | <b>03/01/00</b>                              |
| & Common    | Magenta Toner for                     | Prepared by: | <b>EH&amp;S Department 770-496-9500</b>      |
| Names:      | Lanier 5722                           | Approved by: | Larry Choskey, Manager, CEH&S                |
|             |                                       | European     | Lanier Worldwide, Inc.                       |
| Uses:       | Lanier 5722 Full Color Digital Copier | Contact:     | Walter Fricke, Manager, Safety & Environment |
| Chemical    |                                       |              | Im Taubental D-41468 Neuss,                  |
| Formula:    | Mixture                               |              | Germany +49-2131-387-177                     |

### Section 2: Composition / Information on Ingredients

|                 | PERCENT      | CAS No.      | EXPOSURE LIMITS | SOURCE |
|-----------------|--------------|--------------|-----------------|--------|
| Polyester resin | Trade secret | Trade secret | Not listed      | n/a    |
| Organic pigment | Trade secret | Trade secret | Not listed      | N/a    |
| Wax             | Trade secret | Trade secret | Not listed      | N/a    |
| Silica          | 2 – 4        | 68909-20-6   | Not listed      | N/a    |
| Zinc Stearate   | 2 – 4        | 557-05-1     | Not listed      | N/a    |

\*PEL as the product: 15mg/m<sup>3</sup> (total dust), 5mg/m<sup>3</sup> (respirable dust)

\*TLV as the product: 10mg/m<sup>3</sup> (total dust), 5mg/m<sup>3</sup> (respirable dust)

### Section 3: Hazards Identification

#### HMIS Rating:

FLAMMABILITY = 1

HEALTH = 0

REACTIVITY = 0

SPECIAL = none

**Health Hazards (Acute, Chronic, Immediate and Potential):** Excessive inhalation may cause irritation of the nose, throat and respiratory tract.

**Health Hazards of Long Term exposure (Chronic):** None

Target Organs : Prolonged breathing of high concentrations may cause adverse effects on the respiratory system.

Medical Conditions Aggravated by Exposure to This Product : Respiratory disorders, such as asthma, may be aggravated by prolonged exposure to high concentrations of this product.

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Section 4: First Aid Measures

|                      |  |                     |  |
|----------------------|--|---------------------|--|
| <b>Inhalation:</b>   | Remove to fresh air if effects occur. Get medical attention if needed. | <b>Eye Contact:</b> | In case of contact, immediately flush eyes with water for 15 minutes. Get medical attention if needed. |
| <b>Skin Contact:</b> | Wash with soap and water.  | <b>Ingestion:</b>   | Dilute stomach contents with several glasses of water. Get medical attention.                          |

### Section 5: Fire Fighting Measures

Suitable extinguishing media: CO<sub>2</sub>, dry chemical, foam, Halon or water.

Extinguishing media which may not be used for safety reasons: none

Avoid contact with strong oxidizers such as chromate, bromate and nitrates.

This material will burn in case of fire. The decomposition products are CO, CO<sub>2</sub>, and smoke. Avoid inhalation of smoke.

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Special protective equipment for fire fighters: none  
UEL: n/a LEL: n/a

### Section 6: Accidental Release Measures

Spill / leak Procedures: If spilled, sweep up using an approved toner vacuum with a 0.5 micron filter or smaller, such as the Atrix AAA Toner Vacuum or 3M Toner Vacuum. Use of a vacuum cleaner not rated for toner particles, could result in a fire or personal injury. Remove residue with soap and cold water.

Miscellaneous: Keep product out of sewers and watercourses.

Personal protection: Avoid inhalation of dust.

### Section 7: Handling and Storage

Special Handling: Cleanse skin after contact before breaks or meals, and end of workday.

Special Storage: Avoid direct sunlight. Keep out of reach of children. Store in a cool, dry place.

### Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: none required under normal use.

Hand Protection: none required under normal use.

Eye Protection: none required under normal use.

Skin Protection: none required under normal use.

### Section 9: Physical and Chemical Properties

#### CHARACTERISTICS:

|                      |            |                   |               |
|----------------------|------------|-------------------|---------------|
| Appearance:          | Magenta    | Melting point:    | 110°C - 150°C |
| Form:                | Powder     | Vapor pressure:   | n/a           |
| Odor:                | Odorless   | Vapor density:    | n/a           |
| Solubility in Water: | Negligible | Evaporation rate: | n/a           |
| Specific gravity:    | 1.1 – 1.5  | Boiling point:    | n/a           |

### Section 10: Stability and Reactivity

Conditions to avoid: none

Materials to avoid: none

Stability: Stable

Hazardous decomposition products: CO and CO2 and other decomposition products when burned.

### Section 11: Toxicological Information:

Acute oral toxicity: LD50 is greater than 5,000mg/kg.

Acute inhalation: LC50(4H) is in excess of 6.21mg/l. (This was the highest attainable concentration.)

Eye irritation: Non irritant.

Skin irritation: Non irritant.

Skin sensitization: Non sensitization.

Mutagenicity: Negative in the Ames test.

Carcinogenicity: None

Chronic Effects: None

### Section 12: Environmental / Ecological Information

This material has not been tested concerning environmental effects (fish toxicity, bird toxicity, invertebrate toxicity, phyto-toxicity and environmental fate).

### Section 13: Disposal Consideration

Used Toner should be disposed of under conditions that meet all federal, state and local environmental regulations. Disposal regulations vary from locality to locality, therefore consult your local Lanier office or the EPA to determine the proper method for disposal. Do not incinerate loose or spilled Toner.

### Section 14: Transportation Information

None. This is not a hazardous product.

*Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. On the basis of the data available to us, this product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.*

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### Section 15: Regulatory Information

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#### US/Canada Information

OSHA Hazard Communication Standard, 29CFR 1910. 1200: Not regulated

Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.

RCRA (40 CFR 261) : Product or components not listed.

CERCLA/SARA Information: Not regulated.

NTP Annual Report on Carcinogens: Not listed as an NTP carcinogen.

IARC: See section 11.

California Proposition 65: Neither toner, or any of the components, are listed as chemicals known to the State of California to cause cancer or reproductive system effects.

Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.

Other State Regulations: none

U.S./Canada Label Statements: LOW HAZARD FOR RECOMMENDED HANDLING. Minimize dust generation and accumulation. Use with adequate ventilation.

#### EU Information

Label Information According to Directives 67/548 EEC & 88/379 EEC:

Symbol & Indication: Not required

Risk Phrase: Not required

Safety Advise Phrase: Not required

EEC Directive (76/548 EEC, 79/831 EEC, 92/32 EEC): All chemical substances in this product comply with all applicable rules or order under EEC Directive.

The Subject of Specific Provisions in Relation to Protection of Man or the Environment. Directive 76/769/EEC: Not required

National requirement: No specific regulations or restrictions.

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### Section 16: Miscellaneous Information

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Judgment as to the suitability of information contained herein for user's purposes is the responsibility of the purchaser. Therefore, although reasonable care has been taken in the preparation of this information, Lanier Worldwide, Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to user's intended purposes or for consequences of its use. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.